

~~SECRET~~
CONFIDENTIAL

10 September 1954

DOCUMENT NO. 39
NO CHANGE IN CLASS. ☐
☐ DECLASSIFIED
CLASS. CHANGED TO: TS S 020/0
NEXT REVIEW DATE: 02/0/0
AUTH: HR 70-2
DATE: 120170 REVIEWER: 010956

Dear [redacted]

I should like to outline a program which should receive your immediate attention inasmuch as two breadboard models are needed by 15 October 1954 ... if possible! This project will logically be under the direction of [redacted] This circuit design problem will have a priority number of one thus giving "Continuation of the Study of New Transistors" a priority number of two. The title of this new project is "Transistor System."

"Transistor System" is the electronic portion of an electro-optical device which is being designed for us by another group. The system consists of two amplifiers ("A" and "B") and an oscillator which will work from a single six volt battery source. Further details on these amplifiers are given in the enclosed specification which is furnished to us by the above referenced group. This specification is of a tentative nature due to the fact that the equipment with which the "Transistor System" is to work is not yet in the final design stage. For this reason any apparent inconsistencies in the specification or any questions as to the intent of the specification should be brought to our attention by telephone.

At present I am planning to visit your company on the 23rd and 24th of September. At this time I shall be accompanied by [redacted] who is coordinating the Transistor System development with the development of the optical portion of the entire system.

We estimate that two working breadboard models of the "Transistor System" only can be completed in twenty-five working days if two of your most expert personnel will devote themselves to the solution of this problem.

Thank you for your very kind attention to this matter.

Sincerely yours,

Encl: Two Specifications
Two Kodak Ektron Detectors [redacted]

Distribution:

Orig. - Addressee	1 - HB
1 - P-77	1 - AST
1 - P-101B	1 - Registry

CONFIDENTIAL